

Draft Resolution
MSS Above 1 GHz
Agenda of the 1995 World Radiocommunication Conference

The 1993 World Radiocommunication Conference (Geneva, 1993),

considering:

- a) that the frequency bands 1970-2010/2160-2200 MHz are allocated on a co-primary basis to the Fixed, Mobile and Mobile-Satellite Services;
- b) that the frequency bands 1492-1525/1675-1710 MHz and 1970-1980/2160-2170 MHz are allocated to the Mobile-Satellite Service in Region 2 only (except for 1492-1525 MHz which is not allocated to MSS in the U.S.);
- c) that the frequency bands 1525-1559/1626.5-1660.5 MHz contain service-specific rather than generic MSS allocations;
- d) that use of the frequency bands 1525-1559/1626.5-1660.5 MHz is subject to certain geographic and operational restrictions under various Footnotes to the Table of Allocations; and
- e) that Footnote 746B to the Table of Allocations restricts the availability of the 1970-2010/2160-2200 MHz bands until the year 2005 in order to allow existing users of those bands sufficient time to modify their operations;

recognizing:

- a) that non-geostationary MSS systems have a critical need for more usable spectrum in order to meet expected demand for global personal communications services and other MSS requirements beyond the year 2002;
- b) that Radiocommunication Sector Task Group 12/4 is expected to complete its report on sharing in the 1-3 GHz bands in time for consideration at WRC-95;
- c) that the date of entry into force of certain MSS allocations established in Footnote 746B can be reviewed in light of experience gained since 1992; and
- d) that certain Radiocommunication Sector studies relating to coordination and sharing between MSS systems and between MSS system feeder links and Fixed-Satellite Service systems are not expected to be completed in time for consideration at WRC-95;

resolves:

to convene a World Radiocommunication Conference in Geneva, for a period of [_____] weeks starting on [_____] ,1995, with the following agenda:

1. to consider changes to the Radio Regulations that would facilitate use of the bands allocated to the Mobile-Satellite Service; and
2. to consider outstanding resolutions from prior conferences relating to agenda item (1), provided the required Radiocommunication Sector Study Group reports, including any necessary operational studies, are complete.

Draft Resolution
MSS and Mobile Services Above 1 GHz
Agenda of the 1997 World Radiocommunication Conference

The 1993 World Radiocommunication Conference (Geneva, 1993),

considering:

a) that Resolution 46 (WARC-92) sets forth only interim procedures for coordination and notification of frequency assignments of non-geostationary satellite systems; and

b) Radio Regulation 2613;

recognizing:

a) that certain Radiocommunication Sector studies relating to coordination and sharing between MSS systems and between MSS feeder links and geostationary Fixed-Satellite Service systems are expected to be completed in time for consideration at WRC-97;

b) that Radio Regulation 2613 may be subject to misinterpretation;

c) that existing MSS allocations, unless made more usable, may not be sufficient to enable non-geostationary MSS systems to meet expected demand for global personal communications services and other MSS requirements beyond the year 2002;

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**INMARSAT NARROWS THE OPTIONS FOR ITS
HANDHELD SATELLITE PHONE SERVICE**

Inmarsat has decided to choose between geostationary (GEO) or intermediate orbit (ICO) systems for the provision of its proposed global hand-held satellite telephone service, and cease further consideration of the low earth orbit (LEO) configuration.

The Council's decision to confine further consideration to only GEO or ICO system configurations was taken in context of the identified markets and service requirements for the world-wide provision of Inmarsat-P, and after careful techno-economic evaluation of the possible system options.

The decision was one of several major steps taken by the Inmarsat Council, meeting in Stockholm this week, concerning the planned new service, Inmarsat-P, which will be the culmination of the organization's Project 21 evolution of personal mobile telecommunications services.

The Council is the main decision making body of the 69 member country Inmarsat cooperative that currently operates a satellite system for global mobile communications, serving about 30,000 maritime, aeronautical and land mobile and transportable terminals.

Concluding that Inmarsat-P represented a very attractive market opportunity and potentially an area of strong business growth, the Council also decided:

- To commit to selection of the preferred system configuration at its meeting in February 1994;
- To institute a work programme between now and the end of 1993, and in time for its February 1994 meeting, to facilitate the selection process and to concurrently examine related financial and service commercialization issues;
- To initiate, immediately after the February decision, appropriate major technology validation programmes as an integral part of the system procurement strategy, to retire key technical risks early in the implementation program.

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"Today's decisions are the result of almost three years of intensive effort," said Olof Lundberg, director general of Inmarsat, "aimed at thoroughly understanding the potential markets for a personal handheld satellite telephone service, the type of international infrastructure that would be needed to support such a service, and the most suitable system

Market research, including assessment of customer preferences for the different service characteristics associated with handheld satellite phone services, as delivered by different orbital configurations, was undertaken internationally by KPMG Peat Marwick in conjunction with Harris Research.

"We understand the market and associated system trade-offs well enough to select the right space segment to serve Inmarsat-P customers. Inmarsat is in very good shape to operate global handheld Inmarsat-P services," said Mr. Lundberg.

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